

ALLOCATING FREIGHT HAULAGE JOBS

ABSTRACT

Systems and methods for allocating freight haulage jobs are described. In one aspect, a global freight haulage job manager is configured collect excess capacity information and freight haulage job information on the fly, and automatically match freight haulage jobs to excess capacity in real time. The global freight haulage job manager is configured to receive carrier capacity attributes, including position information, route information and excess capacity information, for each of a set of mobile carrier entities, and to receive from one or more shippers shipping attributes for each of a set of freight haulage jobs. Based upon the received mobile carrier capacity attributes, the global freight haulage job manager is configured to compute a projection of available carrier capacity. One or more freight haulage job candidates then are identified from the set of mobile carrier entities based upon the computed projection of available carrier capacity and the received shipping attributes for the set of freight haulage jobs. In this way, a mobile carrier entity may be notified of freight haulage job attributes while on route to a destination for a current freight haulage job and, thereby, fill any excess capacity that it may have at any particular time. In another aspect, a portable device allows an operator of a mobile carrier entity to easily obtain excess capacity information and to wirelessly communicate that information to the global freight haulage job manager.